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| APPLICATION NO.                   | FILING DATE     | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO |
|-----------------------------------|-----------------|----------------------|---------------------|-----------------|
| 10/643,470                        | 08/19/2003      | Yasuyuki Fujita      | Furuta C-37         | 4088            |
| 23474                             | 7590 03/10/2004 |                      | EXAM                | INER            |
| FLYNN THIEL BOUTELL & TANIS, P.C. |                 |                      | PEDDER, DENNIS H    |                 |
| 2026 RAMBI                        | JING ROAD       |                      |                     |                 |
| KALAMAZOO, MI 49008-1699          |                 |                      | ART UNIT            | PAPER NUMBER    |
|                                   |                 |                      | 3612                |                 |

DATE MAILED: 03/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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|---|---|--|--|--|--|--|
|   | Application No.   | Applicant(s)   |  |  |  |  |
| 055 4-4 0   | 10/643,470  | FUJITA ET AL.  |  |  |  |  |
| Office Action Summary   | Examiner  | Art Unit   |  |  |  |  |
|   | Dennis H. Pedder  | 3612   |  |  |  |  |
| The MAILING DATE of this communication Period for Reply   | appears on the cover sheet with the o   | orrespondence address  |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO  - Extensions of time may be available under the provisions of 37 CFF after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a  - If NO period for reply is specified above, the maximum statutory per - Failure to reply within the set or extended period for reply will, by state Any reply received by the Office later than three months after the mearmed patent term adjustment. See 37 CFR 1.704(b). | N. R 1.136(a). In no event, however, may a reply be tir reply within the statutory minimum of thirty (30) day riod will apply and will expire SIX (6) MONTHS from atute, cause the application to become ABANDONE | nely filed  /s will be considered timely.  It the mailing date of this communication.  ED (35 U.S.C. § 133). |  |  |  |  |
| Status  |   |  |  |  |  |  |
| 1) Responsive to communication(s) filed on _  | ·   |  |  |  |  |  |
| 2a) This action is <b>FINAL</b> . 2b) ⊠ T   | his action is non-final.  |  |  |  |  |  |
| 3) Since this application is in condition for allo  | Since this application is in condition for allowance except for formal matters, prosecution as to the merits is   |  |  |  |  |  |
| closed in accordance with the practice unde   | closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.   |  |  |  |  |  |
| Disposition of Claims   |   |  |  |  |  |  |
| 4) Claim(s) 1-27 is/are pending in the applicat   | ion.  |  |  |  |  |  |
| 4a) Of the above claim(s) is/are without  | 4a) Of the above claim(s) is/are withdrawn from consideration.  |  |  |  |  |  |
| 5) Claim(s) is/are allowed.   | Claim(s) is/are allowed.  |  |  |  |  |  |
| 6) Claim(s) is/are rejected.  | Claim(s) is/are rejected.   |  |  |  |  |  |
| 7) Claim(s) is/are objected to.   | Claim(s) is/are objected to.  |  |  |  |  |  |
| 8)⊠ Claim(s) <u>1-27</u> are subject to restriction and/  | or election requirement.  |  |  |  |  |  |
| Application Papers  |   |  |  |  |  |  |
| 9)☐ The specification is objected to by the Exam  | niner.  |  |  |  |  |  |
| 10) The drawing(s) filed on is/are: a) a  | ☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.  |  |  |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).   |   |  |  |  |  |  |
| Replacement drawing sheet(s) including the cor  | rection is required if the drawing(s) is ob   | jected to. See 37 CFR 1.121(d).  |  |  |  |  |
| 11)☐ The oath or declaration is objected to by the  | Examiner. Note the attached Office  | Action or form PTO-152.  |  |  |  |  |
| Priority under 35 U.S.C. § 119  |   |  |  |  |  |  |
| 12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of:   | eign priority under 35 U.S.C. § 119(a   | )-(d) or (f).  |  |  |  |  |
| <ol> <li>Certified copies of the priority docum</li> </ol>  | ents have been received.  |  |  |  |  |  |
| 2. Certified copies of the priority docum   | ents have been received in Applicat   | ion No   |  |  |  |  |
| <ol><li>Copies of the certified copies of the p</li></ol>   | priority documents have been receive  | ed in this National Stage  |  |  |  |  |
| application from the International Bur  | eau (PCT Rule 17.2(a)).   |  |  |  |  |  |
| * See the attached detailed Office action for a   | list of the certified copies not receive  | ∍d.  |  |  |  |  |
| Attachment(s)   |   |  |  |  |  |  |
| 1) Notice of References Cited (PTO-892)   | 4) Interview Summary  | (PTO-413)  |  |  |  |  |
| 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail D  | ate  |  |  |  |  |
| 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB Paper No(s)/Mail Date  | (08) 5) ☐ Notice of Informal F  | Patent Application (PTO-152)   |  |  |  |  |

## **DETAILED ACTION**

## Election/Restrictions

1. This application contains claims directed to the following patentably distinct species of the claimed invention: figures 4, 5, 7, 8, 10, 11, six species as listed separated by commas.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

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2. A telephone call was made to Mr. Thiel and answered by Mr. Tumm on 3/4/2004 to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis H. Pedder whose telephone number is (703) 308-2178. The examiner can normally be reached on 5:30-2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn D. Dayoan can be reached on (703) 308-3102. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dennis H. Pedder Primary Examiner Art Unit 3612

3/4/04

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